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Levine

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(54) **AUTOMOTIVE SAFETY ENHANSING
SYSTEM**

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(57) **ABSTRACT**

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Related U.S. Application Data

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Nov. 6, 2000.

(51) **Int. Cl.**⁷ **B60Q 1/08**

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340/467

(58) **Field of Search** 340/425.5, 463,
340/464, 465, 466, 467, 468, 901; 701/301,
117, 118

(56) **References Cited**

U.S. PATENT DOCUMENTS

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A safety system for automotive vehicles to automatically detect and monitor various movements of a driven vehicle and automatically communicate such movements to others and to the police. Among others, the system detects violations of the traffic laws, including speeding, running stop signs, aggressive driving, tail gating and others. It also detects turns, lane changes, U turns, accelerations, decelerations, proximity to other vehicles, slow driving, weaving from lane to lane and and others. Where a pattern of vehicle movements demonstrates aggressive driving of the vehicle a warning is given to other vehicles. The detected movements may be recorded and/or transmitted by wireless to the Police to enforce penalties against traffic violations. Warnings and other communications may be provided inside of the monitored vehicle to remind the driver and discourage fixture improper conduct and to assist impaired drivers that may lose concentration or hand-eye coordination in control of the vehicle. The exterior communication to others may include flashing lights, horn soundings, sirens and other. The interior communication to the monitored vehicle's driver may be by a visual display, audible announcement, or other.

18 Claims, 3 Drawing Sheets

